Converting Colors

RGB(178, 119, 128)

Have a look what the booklet for RGB(178, 119, 128) contains.

Color

RGB(178, 119, 128)

Conversions

Conversions Part 1

Format	Color
Hex	B27780
RGB	178, 119, 128
RGB Percent	70%, 47%, 50%
CMY	0.3020, 0.5333, 0.4980
CMYK	0.00, 0.33, 0.28, 0.30
HSL	351°, 28%, 58%
HSV	351°, 33%, 70%
XYZ	28.8532, 24.2171, 23.5757
YIQ	137.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

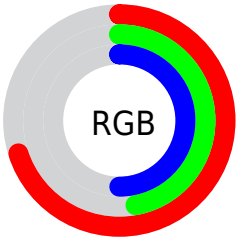
Format	Color
RYB	178, 119, 128
Decimal	11696000
CIELab	56.30, 24.38, 4.57
CIELCh	56, 24.804, 10.608
Yxy	24.2171, 0.3764, 0.3160
Android (android.graphics.Color)	4289886080 (0xFFB27780)
YUV	137.6670, -4.7658, 35.3720
Hunter-Lab	49.2109, 18.5385, 6.0433

Details

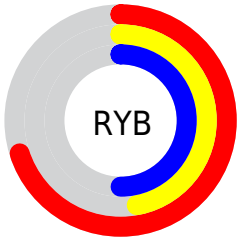
The RGB color 178, 119, 128 is a dark color, and the websafe version is hex 996666. A complement of this color would be 119, 178, 169, and the grayscale version is 138, 138, 138.

A 20% lighter version of the original color is 235, 172, 181, and 124, 70, 79 is the 20% darker color. If you saturate the color by 10%, you get 178, 101, 113, and if you desaturate by 10%, it is 178, 137, 143.

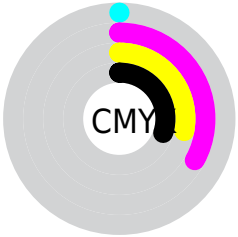
Distribution



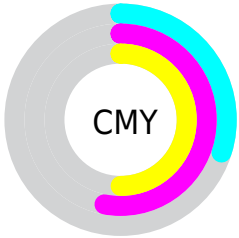
- Red (70%)
- Green (47%)
- Blue (50%)



- Red (70%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (30%)



- Cyan (30%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RGB color 178, 119, 128 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 178, 119, 128 by changing the saturation by 10% instead.

178, 119, 128

255, 255, 255

235, 172, 181

255, 199, 208

255, 227, 236

178, 119, 128

151, 94, 103

124, 70, 79

98, 46, 56

72, 24, 35

49, 1, 13

19, 0, 0

0, 0, 0

178, 119, 128

178, 101, 113

178, 119, 128

178, 137, 143

178, 83, 98

178, 66, 83

178, 48, 68

178, 30, 53

178, 12, 37

178, 0, 27

178, 155, 158

178, 172, 173

178, 190, 188

178, 208, 203

178, 226, 219

178, 244, 234

178, 255, 249

178, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

169, 121, 150

178, 119, 128

175, 122, 108

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

178, 119, 128

119, 142, 102

87, 141, 175

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

178, 119, 128

119, 178, 169

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

68, 145, 162

178, 119, 128

94, 146, 120

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

178, 119, 128

143, 136, 92

72, 147, 142

118, 134, 177

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

178, 119, 128

168, 126, 98

72, 147, 142

79, 143, 172

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

178, 119, 128

232, 209, 212

168, 119, 178

117, 103, 105

245, 245, 245

117, 117, 117

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

178, 119, 128

232, 139, 153

178, 139, 119

89, 80, 82

153, 0, 23

26, 0, 4

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

178, 119, 128

232, 139, 153

119, 158, 178

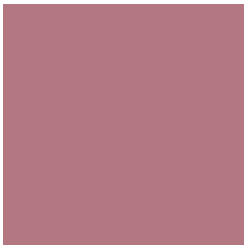
89, 80, 82

153, 0, 23

26, 0, 4

Previews

White Background

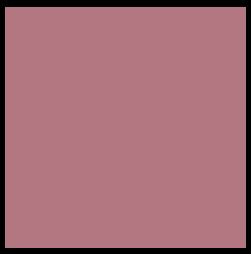


This preview shows how the RGB color 178, 119, 128 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



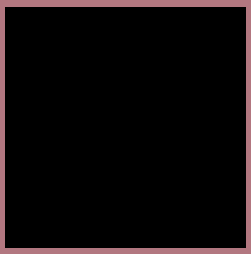
This preview shows how the RGB color 178, 119, 128 looks on a black background.

Color Contrast Check

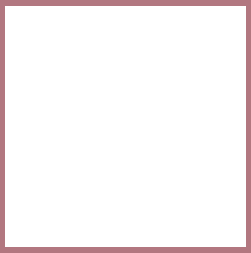
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 178, 119, 128 Background



This preview shows how black text looks on a background with the RGB color 178, 119, 128.



This preview shows how white text looks on a background with the RGB color 178, 119, 128.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

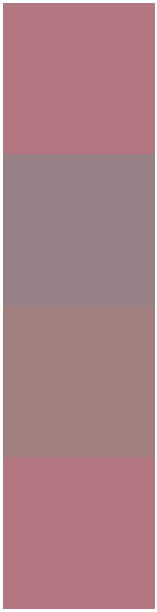
Original Color
178, 119, 128

Protanopia
137, 135, 137

Deuteranopia
152, 131, 126

Tritanopia
178, 119, 128

Trichromacy



Original Color
178, 119, 128

Protanomaly
152, 129, 134

Deuteranomaly
161, 127, 127

Tritanomaly
178, 119, 128

Monochromacy

Original Color
178, 119, 128

Achromatopsia
138, 138, 138

Achromatomaly
153, 131, 134

CSS Examples

Text

The CSS property to change the color of the text to RGB 178, 119, 128 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(178, 119, 128) looks like.

```
.text, #text, p{
    color:rgb(178, 119, 128)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(178, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 119, 128) }
```

Border

The CSS property to change the border of an element to RGB 178, 119, 128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 119, 128) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(178, 119, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(178, 119, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 119, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 119, 128); box-shadow:4px 4px 4px 4px rgb(178, 119, 128) }
```

Background

The CSS property to change the background color of an element to RGB 178, 119, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(178, 119, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(178,
119, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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